

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Name of Applicant and Assignee: SUN MICROSYSTEMS, INC.  
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Commissioner for Patents  
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**REVOCATION AND SUBSTITUTION  
OF POWER OF ATTORNEY UNDER 37 C.F.R. §1.36**

Dear Sir:

Pursuant to 37 C.F.R. §1.36, Sun Microsystems, Inc., the applicant and assignee of the patent applications listed on the attached APPENDIX A, revokes all previous powers of attorney in the patent applications listed on the attached APPENDIX A, hereby appoints the following attorneys and/or agents assigned to the Customer Number listed below to prosecute the patent applications listed on the attached APPENDIX A, and to transact all business in the U.S. Patent and Trademark Office connected therewith:

Customer Number 32615

Please direct all correspondence and telephone calls concerning the patent applications listed on the attached APPENDIX A to:

Robert P. Lord  
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Further, please change the attorney/docket number corresponding to the patent applications listed in APPENDIX A from the attorney/docket number on file to that indicated on APPENDIX A.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the above-identified applicant.

The undersigned hereby declares that all statements made herein of the undersigned's own knowledge are true, that all statements made on information and belief are believed to be true, and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the sixteen patent applications listed on the attached APPENDIX A or any patents issuing thereon.

Signature: Melissa Haapala Dated: 7/2/2008  
Name: Melissa Haapala  
Title: Senior Counsel  
Sun Microsystems, Inc.

## **APPENDIX A**

- 1. Patent Application/Serial No.:** 10/767,507

**Title:** MULTI-SERVER TIMER SYSTEM FOR  
COMPUTING ENVIRONMENTS  
REQUIRING MULTIPLE TIME-OUTS

**Filed:** 1/28/2005

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 014946/0559

**Reference No:** SUN030161-US-NP
- 2. Patent Application/Serial No.:** 10/698,212

**Title:** METHODS AND APPARATUS FOR  
COORDINATING PROCESSING OF  
NETWORKS CONNECTIONS  
BETWEEN TWO NETWORK  
PROTOCOL STACKS

**Filed:** 10/31/2003

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 014659/0265

**Reference No:** SUN040284-US-NP
- 3. Patent Application/Serial No.:** 09/205,326

**Title:** A METHOD, APPARATUS, SYSTEM &  
PROGRAM PRODUCT FOR THIN-  
CLASSES IN A CLIENT-SERVER  
ENVIRONMENT

**Filed:** 12/04/1998

**Applicant:** Sun Microsystems, Inc.

**Reference No:** SUN1P352X1/P2761CIP

4. Patent Application/Serial No.: 10/888,521

**Title:** METHODS AND APPARATUS FOR  
DYNAMICALLY SWITCHING  
BETWEEN POLLING AND  
INTERRUPT MODE FOR A RING  
BUFFER OF A NETWORK  
INTERFACE CARD

**Filed:** 7/9/2004

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 015899/0633

**Reference No:** SUN041057-US-NP

5. Patent Application/Serial No.: 10/888,972

**Title:** METHODS AND APPARATUS FOR  
DRIVING A HIGH BANDWIDTH  
NETWORK INTERFACE CADE WITH  
A SINGLE INTERRUPT SOURCE

**Filed:** 7/9/2004

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 15900/0149

**Reference No:** SUN041394-US-NP

6. Patent Application/Serial No.: 10/885,999

**Title:** COMPUTER ARCHITECTURE AND  
PROCESS FOR IMPLEMENTING A  
VIRTUAL VERTICAL PERIMETER  
FRAMEWORK FOR AN  
OVERLOADED CPU HAVING  
MULTIPLE NETWORK INTERFACES

**Filed:** 7/6/2004

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 015846/0036

**Reference No:** SUN041059-US-NP

**7. Patent Application/Serial No.:** 11/011,076

**Title:** SYSTEM AND METHOD FOR  
CONDUCTING DIRECT DATA  
PLACEMENT (DDP) USING A TOE  
(TCP OFFLOAD ENGINE) CAPABLE  
NETWORK INTERFACE CARD

**Filed:** 12/14/2004

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 016081/0370

**Reference No:** SUN040656-US-NP

**8. Patent Application/Serial No.:** 10/767,506

**Title:** ESTABLISHING CONNECTIONS IN  
COMPUTER NETWORK

**Filed:** 1/28/2004

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 014946/0548

**Reference No:** SUN030153-US-NP

**9. Patent Application/Serial No.:** 12/016,132

**Title:** SCHEDULING THREADS ON  
PROCESSORS

**Filed:** 1/17/2008

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 020379/0842

**Reference No:** SUN070466-US-NP

**10. Patent Application/Serial No.:** 11/833,907

**Title:** SCALABLE RESOURCE  
ALLOCATION

**Filed:** 8/3/2007

**Applicant:** Sun Microsystems, Inc.

**Reference No:** SUN070342

**11. Patent Application/Serial No.:** 11/670,412

**Title:** PARTITIONABLE ACCOUNTING OF  
MEMORY UTILIZATION

**Filed:** 2/1/2007

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 018874/0470

**Reference No:** SUN070037

**12. Patent Application/Serial No.:** 10/698,211

**Title:** METHODS AND APPARATUS FOR  
DYNAMICALLY SWITCHING  
BETWEEN POLLING AND  
INTERRUPT TO HANDLE NETWORK  
TRAFFIC

**Filed:** 10/31/2003

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 016055/0305

**Reference No:** SUN040338-US-NP

**13. Patent Application/Serial No.:** 11/952,037

**Title:** HARDWARE UTILIZATION-AWARE  
THREAD MANAGEMENT IN  
MULTITHREADED COMPUTER  
SYSTEMS

**Filed:** 12/6/2007

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 020591/8720

**Reference No:** SUN070402

**14. Patent Application/Serial No.:** 11/777,184

**Title:** LOCALITY AND TIME BASED  
DEPENDENCY RELATIONSHIPS IN  
CLUSTERS

**Filed:** 7/12/2007

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 019692/0446

**Reference No:** SUN061207

**15. Patent Application/Serial No.:** 11/286,085

**Title:** DYNAMIC POWER MANAGEMENT  
FOR I/O RESOURCE POOLS

**Filed:** 11/22/2005

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 017265/0249

**Reference No:** SUN051056-US-NP

**16. Patent Application/Serial No.:** 10/698,688

**Title:** METHODS AND APPARATUS FOR  
RECOVERING FROM A FAILED  
NETWORK INTERFACE CARD

**Filed:** 10/31/2003

**Applicant:** Sun Microsystems, Inc.

**Reference No:** SUN040319

**17. Patent Application/Serial No.:** 9/981,612

**Title:** CIM TO SNMP DATA MAPPER

**Filed:** 10/16/2001

**Applicant:** Sun Microsystems, Inc.

**Reference No:** SUN1P437/P6596NP

**18. Patent Application/Serial No.:** 10/886,004

**Title:** SYSTEM AND METHOD FOR  
CONDUCTING FAST CONNECTION  
ACCEPTANCE USING TNIC  
GENERATED SOCKET LAYER  
INTERCONNECTION DATA  
STRUCTURES

**Filed:** 7/6/2004

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 015958/0388

**Reference No:** SUN041400-US-NP



**19. Patent Application/Serial No.:** 11/388,445

**Title:** PROBABILISTIC SYSTEM FOR  
IDENTIFYING SOFTWARE  
DEVELOPMENT REGRESSIONS

**Filed:** 3/24/2006

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 017721/0796

**Reference No:** SUN060492-US-NP

**20. Patent Application/Serial No.:** 10/184,333

**Title:** VIRTUAL REGISTER SET EXPANING  
PROCESSOR INTERNAL STORAGE

**Filed:** 6/28/2002

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 013063/0547

**Reference No:** P7544-US-NP-0

**21. Patent Application/Serial No.:** 11/461,361

**Title:** VIRTUAL REGISTER SET  
EXPANDING PROCESSOR INTERNAL  
STORAGE

**Filed:** 7/31/2006

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 013063/0547

**Reference No:** P7544-US-CNT-1

**22. Patent Application/Serial No.:** 10/014,640

**Title:** MANDATORY LOCKING  
MECHANISMS FOR UNIX FILE  
SYSTEM

**Filed:** 10/25/2001

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 012383/0338

**Reference No:** SUN1P722

**23. Patent Application/Serial No.:** 60/285,482

**Title:** GRAPHICAL LIST GROUPING  
WIDGET

**Filed:** 4/20/2001

**Applicant:** Sun Microsystems, Inc.

**Reference No:** P5885-US-PSP-0

**24. Patent Application/Serial No.:** 8/958,377

**Title:** METHOD, APPARATUS, SYSTEM  
AND PROGRAM PRODUCT FOR  
THIN-CLASSES IN A CLIENT-  
SERVER ENVIRONMENT

**Filed:** 10/24/1997

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 9163/0921

**Reference No:** SUN1P352

- 25. Patent Application/Serial No.:** 11/959,022  
**Title:** CLUSTER SOFTWARE UPGRADES  
**Filed:** 12/18/2007  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 020556/0051  
**Reference No:** SUN070152
- 26. Patent Application/Serial No.:** 12/038,705  
**Title:** USE OF CPI POWER MANAGEMENT  
IN COMPUTER SYSTEMS  
**Filed:** 2/27/2008  
**Applicant:** Sun Microsystems, Inc.  
**Reference No:** SUN070024
- 27. Patent Application/Serial No.:** 10/789,523  
**Title:** RETRIEVING EVENTS FROM A  
QUEUE  
**Filed:** 2/26/2004  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 015039/0034  
**Reference No:** SUN040374

28. **Patent Application/Serial No.:** 10/052,784  
**Title:** METHODS AND APPARATUS FOR DETERMINING SOFTWARE COMPONENT SIZES ASSOCIATED WITH ERRORS  
**Filed:** 11/2/2001  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 012521/0248  
**Reference No:** P5575-US-NP-0
29. **Patent Application/Serial No.:** 10/850,676  
**Title:** METHOD AND APPARATUS FOR PERFORMING ADDRESS TRANSLATION IN A COMPUTER SYSTEM  
**Filed:** 5/20/2004  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 015382/0204  
**Reference No:** P8354-US-NP
30. **Patent Application/Serial No.:** 60/245,406  
**Title:** SMB MANDATORY LOCKING SUPPORT UNDER UNIX  
**Filed:** 11/1/2000  
**Applicant:** Sun Microsystems, Inc.  
**Reference No:** SUN1P722P/P5658PSP

31. Patent Application/Serial No.: 10/788,790  
Title: QUEUE ALERTS  
Filed: 2/26/2004  
Applicant: Sun Microsystems, Inc.  
Reel/Frame No.: 015031/0011  
Reference No: SUN040373-US-NP
32. Patent Application/Serial No.: 10/938,856  
Title: METHOD AND APPARATUS FOR  
REPRESENTING APPLICATION  
DEPENDENCIES  
Filed: 9/9/2004  
Applicant: Sun Microsystems, Inc.  
Reel/Frame No.: 016111/0904  
Reference No: SUN040675-US-NP
33. Patent Application/Serial No.: 10/741,101  
Title: AUTOMATED TESTING OF CLUSTER  
DATA SERVICES  
Filed: 12/19/2003  
Applicant: Sun Microsystems, Inc.  
Reel/Frame No.: 014826/0146  
Reference No: P8660-US-NP
34. Patent Application/Serial No.: 10/826,243  
Title: ERROR ANALYSIS AND DIAGNOSIS  
FOR GENERIC FUNCTION CALLS  
Filed: 4/15/2004  
Applicant: Sun Microsystems, Inc.  
Reel/Frame No.: 015230/0140  
Reference No: P9428-US-NP

35. Patent Application/Serial No.: 08/863,035  
Title: METHOD AND APPARATUS FOR  
SENDING SECURE  
DATACRAMULTICASTS  
Filed: 5/23/1997  
Applicant: Sun Microsystems, Inc.  
Reel/Frame No.: 009310/0901  
Reference No: P0699-US-CIP-2
36. Patent Application/Serial No.: 08/846,973  
Title: METHOD AND APPARATUS FOR  
ACHIEVING PERFECT FORWARD  
SECURITY IN CLOSED USER GROUP  
Filed: 4/30/1997  
Applicant: Sun Microsystems, Inc.  
Reel/Frame No.: 007393/0323  
Reference No: P0699-US-CIP-1
37. Patent Application/Serial No.: 10/789,523  
Title: RETRIEVING EVENTS FROM A  
QUEUE  
Filed: 2/26/2004  
Applicant: Sun Microsystems, Inc.  
Reel/Frame No.: 015039/0034  
Reference No: SUN040374
38. Patent Application/Serial No.: 10/742,418  
Title: FRAMEWORK FOR HIGH  
AVAILABILITY CLUSTERED  
SYSTEM AUTOMATED TESTS  
Filed: 12/19/2003  
Applicant: Sun Microsystems, Inc.  
Reel/Frame No.: 014862/0202  
Reference No: P8663

39. Patent Application/Serial No.: 09/921,544  
Title: GRAPHICAL LIST GROUPING  
WIDGET AND METHODS OF USE  
THEREOF  
Filed: 8/2/2001  
Applicant: Sun Microsystems, Inc.  
Reel/Frame No.: 012061/0147  
Reference No: P5885-US-NP-0
40. Patent Application/Serial No.: 11/080,953  
Title: GRAPHICAL LIST GROUPING  
WIDGET AND METHODS OF USE  
THEREOF  
Filed: 3/14/2005  
Applicant: Sun Microsystems, Inc.  
Reel/Frame No.: 019830/0105  
Reference No: P5885-US-CNT-1
41. Patent Application/Serial No.: 10/352,495  
Title: SIDEBAND SCOUT THREAD  
PROCESSOR  
Filed: 1/28/2003  
Applicant: Sun Microsystems, Inc.  
Reel/Frame No.: 014244/0547  
Reference No: P7522

**42. Patent Application/Serial No.:** 10/698,168

**Title:** METHODS AND APPARATUS FOR  
COORDINATING PROCESSING OF  
NETWORK CONNECTIONS  
BETWEEN A SOFTWARE NETWORK  
PROTOCOL STACK AND A  
NETWORK INTERFACE CARD

**Filed:** 10/31/2003

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 014659/0233

**Reference No:** SUN040313